

### **REMARKS**

Applicants hereby traverse the rejection of record, and requests reconsideration and withdrawal of such in light of the remarks contained herein. Claims 1-5 are pending in the current application.

#### **Rejection Under 35 U.S.C. § 102**

Claims 1-2 are rejected under 35 U.S.C. § 102(a/b/e) as being anticipated by Kratz et al. (US '461, hereinafter Kratz).

It is well settled that to anticipate a claim, the reference must teach every element of the claim, see M.P.E.P. § 2131. Moreover, in order for a prior art reference to be anticipatory under 35 U.S.C. § 102 with respect to a claim, "[t]he elements must be arranged as required by the claim," see M.P.E.P. § 2131, citing *In re Bond*, 15 U.S.P.Q.2d 1566 (Fed. Cir. 1990). Furthermore, in order for a prior art reference to be anticipatory under 35 U.S.C. § 102 with respect to a claim, "[t]he identical invention must be shown in as complete detail as is contained in the . . . claim," see M.P.E.P. § 2131, citing *Richardson v. Suzuki Motor Co.*, 9 U.S.P.Q.2d 1913 (Fed. Cir. 1989). Applicants respectfully assert that the rejection does not satisfy these requirements.

Claim 1 recites "a first bi-directional OR controller connected to said register file" and "a second bi-directional OR controller connected to said register file." Kratz does not disclose at least these limitations. The rejection of record relies upon arithmetic elements AE 20 to meet the first and second OR controllers. Office Action at page 3. The arithmetic elements perform arithmetic and logical operations, and do not control any thing. The arithmetic units are controlled by arithmetic element controller 10. Consequently, the arithmetic elements are not controllers. Thus, Kratz does not teach all of the claimed limitations. Therefore, the Applicants respectfully assert that for the above reasons claim 1 is patentable over the 35 U.S.C. § 102 rejection of record.

Claim 2 depends from base claim 1, and thus inherits all limitations of claim 1. Claim 2 sets forth features and limitations not recited by Kratz. Thus, the Applicants

respectfully assert that for the above reasons claim 2 is patentable over the 35 U.S.C. § 102 rejection of record.

**Conclusion**

The Examiner is thanked for the indication that claims 3-5 include allowable subject matter.

Applicants respectfully request that the Examiner call the below listed attorney if the Examiner believes that such a discussion would be helpful in resolving any remaining problems.

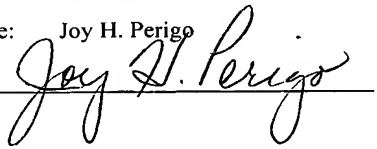
In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 08-2025, under Order No. 10971265-3 from which the undersigned is authorized to draw.


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on the date shown below.

Date of Deposit: 07-28-2006

Typed Name: Joy H. Perigo

Signature: 

Respectfully submitted,

By 

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